

In the abstract:

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--ABSTRACT

The present invention relates to grinding apparatus for
 grinding the hard metal inserts of rock drill bits, said
 grinding apparatus having a grinding machine carried on an
 10 support system that provides a feed pressure for said grinding
 machine during grinding, said grinding machine equipped with a
 grinding pin driven by motor to rotate about its longitudinal
 axis wherein the grinding cup is rotated at variable speeds
 and the support system provides a variable feed pressure.--

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